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UNITED STATES.

REPORTS TO THE SURGEON-GENERAL, PUBLIC HEALTH AND MARINE-HOSPITAL SERVICE.

PLAGUE-PREVENTION WORK.

Surgeon Blue reports:

INFECTED GROUND SQUIRREL.

The finding of 1 plague-infected ground squirrel was reported during the week ended September 17, 1910. It was found September 10 in Contra Costa County, at Curran Ranch on Wildcat Creek, one-half mile northeast of Alameda County line.

ANIMALS EXAMINED FOR PLAGUE INFECTION.

During the week ended September 17, 1910, there were examined at the federal laboratory at San Francisco and the branch laboratories at Oakland and Los Angeles, Cal., animals as follows: Squirrels 2,380, rabbits 13, gophers 7, wood rats 1, rats 1,983. The rats were identified as follows: *Mus norvegicus* 1,601, *Mus rattus* 146, *Mus alexandrinus* 169, *Mus musculus* 67.

The total number of animals examined was 4,384. One plague-infected squirrel was found.

DISTRIBUTION OF POISON.

In connection with the making of a squirrel-free zone around the cities on San Francisco Bay, 325 acres of land in Alameda County were covered with poison during the week ended September 17, 1910.

SEATTLE, WASH.

Assistant Surgeon Chapin reports:

During the week ended September 17, 1910, 1,103 rats were collected. Of these, 965 were necropsied and examined for plague infection. No plague-infected rats were found.

Record of Plague Infection.

| Place. | Date of last case of human plague. | Date of last case of rodent plague. | Total number of rodents found infected since May, 1907. |
|---|------------------------------------|-------------------------------------|---|
| California: | | | |
| Cities— | | | |
| San Francisco..... | Jan. 30, 1908 | Oct. 23, 1908 | 398 rats. |
| Oakland..... | Oct. 26, 1909 | Dec. 1, 1908 | 126 rats. |
| Berkeley..... | Aug. 28, 1907 | None recorded. | |
| Los Angeles..... | Aug. 11, 1908 | Aug. 21, 1908 | 1 squirrel. |
| Counties— | | | |
| Alameda (exclusive of the city of Oakland)... | Sept. 26, 1909 | May 30, 1910 | 82 squirrels, 1 wood rat. |
| Contra Costa..... | July 21, 1908 | Sept. 10, 1910 | 247 squirrels. |
| Merced..... | None recorded. | June 6, 1910 | 2 squirrels. |
| Monterey..... | do..... | do..... | 4 squirrels. |
| San Benito..... | June 5, 1910 | July 11, 1910 | 20 squirrels. |
| San Joaquin..... | None recorded. | Aug. 19, 1910 | 6 squirrels. |
| San Luis Obispo..... | do..... | Jan. 29, 1910 | 1 squirrel. |
| Santa Clara..... | Sept. 5, 1910 | June 22, 1910 | 22 squirrels. |
| Santa Cruz..... | None recorded. | May 17, 1910 | 3 squirrels. |
| Stanislaus..... | do..... | May 21, 1910 | 5 squirrels. |
| Washington: | | | |
| Seattle..... | Oct. 30, 1907 | Feb. 8, 1910 | 22 rats. |

Rats Collected and Examined for Plague Infection.

| Place. | Week ended— | Found dead. | Total collected. | Examined. | Found infected. |
|--------------------|-------------|-------------|--------------------|-----------|-----------------|
| California: | | | | | |
| Berkeley..... | Sept. 17 | ..... | ^a 97 | 97 | ..... |
| Oakland..... | do..... | 26 | ^b 690 | 501 | ..... |
| San Francisco..... | do..... | 182 | ^c 1,968 | 1,402 | ..... |
| Washington: | | | | | |
| Seattle..... | do..... | ..... | 1,103 | 965 | ..... |
| Total..... | ..... | 208 | 3,858 | 2,965 | ..... |

^a Identified, *Mus norvegicus* 80, *Mus musculus* 17.^b Identified, *Mus norvegicus* 594, *Mus rattus* 5, *Mus musculus* 89, *Mus alexandrinus* 2.^c Identified, *Mus norvegicus* 1 329, *Mus rattus* 141, *Mus musculus* 331, *Mus alexandrinus* 167.

Squirrels Collected and Examined for Plague Infection.

| Place. | Week ended— | Trapped and shot. | Found dead. | Examined. | Found infected. |
|----------------------|-------------|-------------------|-------------|-----------|-----------------|
| California: | | | | | |
| Cities— | | | | | |
| San Francisco..... | Sept. 17 | 13 | ..... | 13 | ..... |
| Counties— | | | | | |
| Alameda..... | do..... | 16 | 4 | 20 | ..... |
| Calaveras..... | do..... | 18 | ..... | 18 | ..... |
| Contra Costa..... | do..... | 94 | 1 | 95 | 1 |
| Fresno..... | do..... | 281 | ..... | 276 | ..... |
| Los Angeles..... | do..... | 63 | ..... | 63 | ..... |
| Merced..... | do..... | 104 | ..... | 104 | ..... |
| Monterey..... | do..... | 261 | ..... | 257 | ..... |
| Sacramento..... | do..... | 34 | ..... | 34 | ..... |
| San Joaquin..... | do..... | 322 | ..... | 315 | ..... |
| San Luis Obispo..... | do..... | 981 | 1 | 947 | ..... |
| San Mateo..... | do..... | 42 | ..... | 42 | ..... |
| Santa Clara..... | do..... | 14 | ..... | 14 | ..... |
| Solano..... | do..... | 163 | 1 | 164 | ..... |
| Tuolumne..... | do..... | 18 | ..... | 18 | ..... |
| Total..... | ..... | 2,424 | 7 | 2,380 | 1 |

Other Animals Collected and Examined.

| Place. | Week ended— | Animals collected. | Examined. | Found infected. |
|----------------------|-------------|--------------------|-----------|-----------------|
| California: | | | | |
| Cities— | | | | |
| San Francisco..... | Sept. 17 | 12 gophers..... | 7 | |
| Counties— | | | | |
| Merced..... | do. | 3 rabbits..... | 3 | |
| San Luis Obispo..... | do. | 1 wood rat..... | 1 | |
| San Mateo..... | do. | 4 rabbits..... | 6 | |
| Santa Clara..... | do. | 4 rabbits..... | 4 | |
| Total..... | | | 19 | |

SMALLPOX IN THE UNITED STATES.

Reports Received During Week Ended October 7, 1910.

| Place. | Date. | Cases. | Deaths. | Remarks. |
|-----------------------|------------------|--------|---------|----------|
| Louisiana: | | | | |
| New Orleans..... | Sept. 18-24..... | 2 | | |
| Montana: | | | | |
| Dawson County..... | Aug. 1-31..... | 2 | | |
| Rosebud County..... | do..... | 2 | | |
| Silverbow County..... | do..... | 1 | | |
| Butte..... | do..... | 3 | | |
| Missouri: | | | | |
| Kansas City..... | Aug. 6-20..... | 4 | | |
| Utah: | | | | |
| Salt Lake County..... | Aug. 1-31..... | 3 | | |
| Utah County..... | do..... | 7 | | |
| Wasatch County..... | do..... | 1 | | |

Reports Received from June 25 to September 30, 1910.

[For reports received from January 1, 1910, to June 24, 1910, see Public Health Reports for June 24, 1910. In accordance with custom, the tables of epidemic diseases are terminated semiannually and new tables begun.]

| Place. | Date. | Cases. | Deaths. | Remarks. |
|-----------------------------|--------------------|--------|---------|----------|
| Alabama: | | | | |
| Birmingham..... | June 12-Aug. 6.... | 11 | | |
| Mobile..... | June 12-Sept. 10.. | 14 | | |
| Montgomery..... | June 12-25..... | 6 | | |
| Total for State..... | | 31 | | |
| Arkansas: | | | | |
| Fort Smith..... | June 19-25..... | 1 | | |
| California, general. | | | | |
| Amador County..... | July 1-Aug. 31.... | 2 | | |
| Hamlet County..... | Aug. 1-31..... | 2 | | |
| Los Angeles County..... | July 1-31..... | 1 | | |
| Sacramento County..... | Aug. 1-31..... | 1 | | |
| San Francisco County..... | July 1-Aug. 31.... | 2 | | |
| San Joaquin County..... | July 1-Aug. 31.... | 4 | | |
| Santa Clara County..... | July 1-31..... | 2 | | |
| Total for State..... | | 41 | | |
| Colorado: | | | | |
| Alamosa County..... | Apr. 1-30..... | | 1 | |
| Las Animas County..... | Mar. 1-Apr. 30.... | | 2 | |
| Logan County..... | May 1-31..... | | 1 | |
| Montrose County..... | Apr. 1-30..... | | 1 | |
| Adams County..... | July 1-31..... | 3 | | |
| Archuleta County..... | June 1-Aug. 31.... | 17 | | |
| Chaffee County..... | July 1-Aug. 31.... | 3 | | |
| Clear Creek County..... | Aug. 1-31..... | 1 | | |